

ABSTRACT OF THE DISCLOSURE

Executes a re-encoding after decoding data of a connection section A of a first MPEG picture data. This
5 re-encoding is executed based on a control such that a transition of a VBV buffer occupation value starts from a VBV
buffer occupation value at a position **a** and ends with a VBV
buffer occupation value at a position **d**. Up to the position
10 **a** of the first MPEG picture data, the first MPEG picture data
is reproduced. Next, re-encoded MPEG picture data of the
connection section A is reproduced. Thereafter, the data is
connected to the position **d** of a second MPEG picture data,
and the second MPEG picture data of the position **d** and after
is reproduced.